



Vita Plus Forage Products

Quality Forages...
Where Sound
Nutrition Starts



Capacity Charts

Upright Silo Capacity

Size (Diameter X Height)	Corn Silage & Haylage			HMSC	Ground HMSC	Ground HM Ear Corn
	70%	60%	50%	30%	30%	30%
Moisture Content						
12x30	80	65	50	89	95	70
12x40	115	90	70	120	128	94
12x50	155	120	95	151	160	120
14x40	160	120	96	165	172	128
14x50	213	160	127	208	220	163
14x60	266	200	160	251	264	198
16x30	146	110	88	150	166	123
16x40	209	156	125	220	224	167
16x50	278	208	167	274	285	213
16x60	347	260	208	330	345	259
18x40	265	198	159	270	284	211
18x50	352	264	211	350	360	269
18x60	440	330	264	422	437	328
18x70	530	398	318	496	520	389
20x40	326	245	196	340	350	260
20x50	435	326	261	428	445	332
20x60	543	407	326	525	540	404
20x70	655	491	393	617	638	480
20x80	767	575	460	708	736	557
24x50	626	470	375	600	640	478
24x60	782	587	469	763	776	582
24x70	943	707	565	897	918	692
24x80	1104	828	662	1032	1060	801
24x90	1275	955	764	1165	1209	920
30x80	1725	1293	1035	1628	1656	1252
30x90	1990	1493	1195	1840	1888	1434

Bunker Silo Capacity

Tons of Haylage/Corn Silage per foot of length, as is					Tons of HMC* per foot of length				
Bottom Width (ft)	Depth (ft)					Bottom Width (ft)	Depth (ft)		
	8	10	12	16	20		10	12	14
20	3.4	4.3				20	6	7.2	8.4
30	5.1	6.4	7.1	10.3					
40	6.9	8.6	10.3	13.7	17.1	30	9	10.8	12.6
50	8.6	10.7	12.9	17.1	21.4				

Wagon Capacity

Depth (feet)	Approximate Tons (As-Is Basis)							
	65% moisture				55% moisture			
	Length - Feet				Length - Feet			
	14	16	18	20	14	16	18	20
3	3.5	4.0	4.5	5.0	2.5	3.0	3.5	4.0
4	4.5	5.5	6.0	6.5	3.5	4.0	4.5	5.0
5	6.0	6.5	7.5	8.5	4.5	5.0	5.5	6.5
6	7.0	8.0	9.0	10.0	5.5	6.0	7.0	7.5
7	8.0	9.5	10.5	12.0	6.0	7.0	8.0	9.0
8	9.5	11.0	12.0	13.5	7.0	8.0	9.0	10.0

Bag Capacity

Bag Size	Corn Silage & Haylage** 65%	HMSC* (tons)	Ground Shelled Corn (tons)
8' x 100'	95	95	114
8' x 150'	140	140	168
8' x 200'	190	190	228
9' x 100'	120	120	144
9' x 150'	175	175	211
9' x 200'	240	240	289
10' x 200'	295	295	355
10' x 250'	365	365	439
10' x 300'	440	440	529
12' x 200'	420	420	505
12' x 250'	525	525	632
12' x 300'	630	630	758
14' x 200'	575	575	692
14' x 250'	715	715	860
14' x 300'	860	860	1035

Actual capacity varies with moisture content and density of pack

* High moisture corn capacity is calculated using 30% moisture content, 26 lb DM/ft³

** Density for Corn Silage & Haylage calculated at 13 lb DM/ft³

To learn more about
Crop-N-Rich
or to place an order contact
your Vita Plus sales representative,
Vita Plus dealership
or call
1.800.362.8334.



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Crop-N-Rich®



Inoculant for Haylage, Corn Silage & High Moisture Corn

Vita Plus

An Employee-
Owned Company



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www.vitaplus.com



*Crop-N-Rich is a unique forage inoculant based on the scientifically proven *L. plantarum* bacterial strain MTD/1**

Why Use Crop-N-Rich?

- Promotes a more rapid and efficient fermentation that reduces dry matter loss and preserves forage palatability and digestibility
- A highly stable inoculant that performs over a wide range of pH and temperature
- Reduced protein breakdown
- Improved animal performance supported by independent research
- Improved milk yield, feed efficiency, and milk/ton of forage
- Improved average daily gains and feed efficiency in beef cattle

Bottom Line: More profit per ton of forage harvested!

**Over 200 independent trials document MTD/1's ability to improve fermentation of haylage, corn silage, small grain forages and high moisture corn.*

Crop-N-Rich: Available in convenient package sizes

- Crop-N-Rich 100 bottle treats 100 ton
- Crop-N-Rich 500 mini-can treats 500 ton
- Crop-N-Rich 1000 canister treats 1000 ton
- Crop-N-Rich G: 25 lb bag treats 50 ton

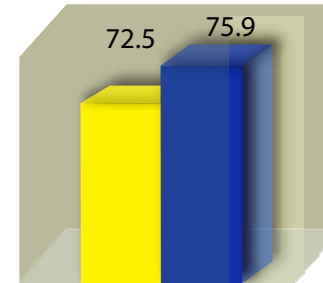
Guaranteed 3 year shelf life on unopened product when stored at 70° F or below.

High viability in tank mixes:

Bacteria will maintain viability when mixed for 2 days over a wide range of environmental temperatures (data available upon request).

Proven Independent University Research

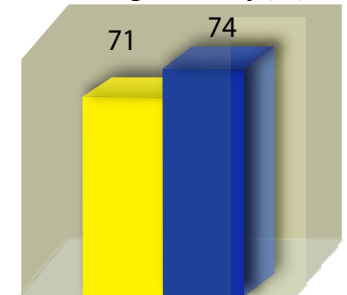
Milk Yield (lb/cow/day)



North American Dairy Cow Trials Summary 5 Trials

A summary of independent research trials showed a 2.6 lb/cow/day difference between control and MTD/1 treated forages. The forages included alfalfa, corn silage and grass silage.

Organic Matter Digestibility(%)



A summary of 26 independent trials showed a 3% increase in forage organic matter digestibility when inoculated with MTD/1.

MTD/1 Digestibility 26 Trials

Vita Plus Forage Team & You: Customizing SOLUTIONS for Success